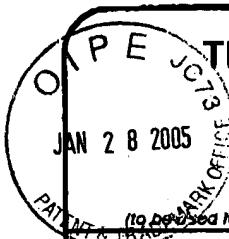


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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

**Total Number of Pages in This Submission**

Application Number	10/017,388
Filing Date	December 18, 2001
First Named Inventor	Nagashima
Art Unit	2623
Examiner Name	Tucker, Wesley J
Attorney Docket Number	13854

**ENCLOSURES (check all that apply)**

- |  |   |   |
|--|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form                     | <input type="checkbox"/> Drawing(s)   | <input type="checkbox"/> After Allowance Communication to TC                            |
| <input checked="" type="checkbox"/> Fee Attached                             | <input type="checkbox"/> Licensing-related Papers                                       | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences     |
| <input checked="" type="checkbox"/> Amendment / Reply                        | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final   | <input type="checkbox"/> Petition to Convert to a Provisional Application               | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                           | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter  |
| <input type="checkbox"/> Extension of Time Request                           | <input type="checkbox"/> Terminal Disclaimer  | <input type="checkbox"/> Other Enclosure(s)<br><i>(please identify below)</i>           |
| <input type="checkbox"/> Express Abandonment Request                         | <input type="checkbox"/> Request for Refund   |   |
| <input type="checkbox"/> Information Disclosure Statement                    | <input type="checkbox"/> CD, Number of CD(s)  |   |
| <input type="checkbox"/> Certified Copy of Priority Document(s)              | <input type="checkbox"/> Landscape Table on CD  |   |
| <input type="checkbox"/> Reply to Missing Parts/<br>Incomplete Application   | <b>Remarks</b>  |   |
| <input type="checkbox"/> Reply to Missing Parts<br>under 37 CFR 1.52 or 1.53 |   |   |

**Remarks**

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm	Dowell & Dowell, P.C. 		
Signature			
Printed Name	Ralph A. Dowell		
Date	January 28, 2005	Reg. No.	28,868

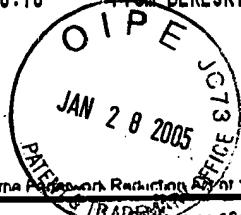
**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

<b>Signature</b>			
<b>Typed or printed name</b>		<b>Date</b>	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (12-04)  
Approved for use through 07/31/2008. OMB 0651-0032  
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Effective on 12/08/2004  
Fee Pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

## FEE TRANSMITTAL For FY 2005

Applicant claims small entity status. See 37 CFR 1.27

<b>TOTAL AMOUNT OF PAYMENT</b>	(\$)	25.00
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### Complete if Known

Application Number	10/017,388
Filing Date	December 18, 2001
First Named Inventor	Nagashima
Examiner Name	Tucker, Wesley J
Art Unit	2623
Attorney Docket No	13854

### METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  None  Other (please identify) \_\_\_\_\_

Deposit Account Deposit Account Number \_\_\_\_\_ Deposit Account Name \_\_\_\_\_

For the above-identified deposit account, the Director is hereby authorized to (check all that apply)

Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17  Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

### FEE CALCULATION

#### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fee Paid (\$)
	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

#### 2. EXCESS CLAIM FEES

##### Fee Description

Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent

Fee (\$)

Fee (\$)

50 25

Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent

200 100

Multiple dependent claims

360 180

Total Claims Extra Claims Fee (\$) Fee Paid (\$) Multiple Dependent Claims

21 - 20 or MP = 1 x 25.00 = 25.00 Fee (\$) Fee Paid (\$)

MP = highest number of total claims paid for, if greater than 20

Indep. Claims Extra Claims Fee (\$) Fee Paid (\$) \_\_\_\_\_ \_\_\_\_\_

3 - 3 or MP = 0 x 0.00 = 0.00

MP = highest number of independent claims paid for, if greater than 3

#### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s)

Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)

100 - 0 / 50 = (round up to a whole number) x 0 = 0

Fee Paid (\$)

Non-English Specification, \$130 fee (no small entity discount)

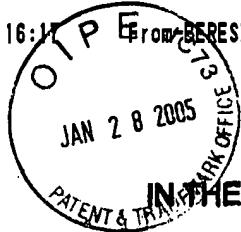
Other \_\_\_\_\_

#### SUBMITTED BY

Signature		Registration No (Attorney/Agent) 26,868	Telephone (703) 415-2555
Name (Print/Type)	Ralph A. Dowell	Date January 28, 2005	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a patent by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: )  
Nagashima, HIROKI )  
Serial No.: 10/017,388 ) Group Art Unit: 2623  
Filed: December 18, 2001 )  
For: METHOD AND APPARATUS FOR ) Attorney Docket: 13854  
IMAGE INTERPOLATION )

Commissioner for Patents  
Washington, D.C. 20231  
U.S.A.

Dear Sir:

**AMENDMENT & RESPONSE TO OFFICE ACTION**

In response to the Office Action mailed October 29, 2004, please amend the above-identified application as follows:

Amendments to the claims are reflected in the listing of claims which begins on page 2 of this response.

Remarks/Arguments begin on page 10 of this response.

01/31/2005 SDENB0B1 00000018 10017388  
25.00 OP  
01 FC:2202